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PATENT APPLICATION

TORREY DOCKET NO. 10016145 -1

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7/18/02

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Eric Anderson

Confirmation No.: 2067

Application No.: 10/015015

Examiner: Unknown

Filing Date: Dec 11, 2001

Group Art Unit: 2185

Title: Technique For Reducing Network Bandwidth For Delivery Of Dynamic And Mixed Content

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

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Technology Center 2100

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a petition under 37 CFR 1.97(d)(2), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231. Date of Deposit: 06/20/2002

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☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____

Number of pages: _____
Typed Name: Ann Jesus

Signature: [Signature]

Respectfully submitted,

Eric Anderson

By [Signature]

Lloyd E. Dakin, Jr.

Attorney/Agent for Applicant(s)
Reg. No. 38,423

Date: 06/20/2002

Telephone No.: (650) 857-2295

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Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10016145-1

APPLICATION NO.

10/015,015

CONFIRMATION NO.

2067

APPLICANT

Eric Anderson

FILING DATE

12/11/2001

GROUP

2185

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
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	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Gaurav Banga, Fred Douglas & Michael Rabinovich - "Optimistic Deltas for WWW Latency Reduction" - Proceedings of the USENIX 1997 Annual Technical Conference Anaheim CA - January 6-10, 1997 - pages 1-17
1R	Matthen Delco & Mihut Ionescu - "xProxy: A Transparent Caching and Delta Transfer System for Web Objects" - Computer Science Division - UC Berkeley - pages 1-15
1S	Jeffrey C. Mogul, Fred Douglas, Anja Feldmann & Balachander Krishnamurthy - "Potential Benefits of Delta Encoding and Data Compression for HTTP" - pages 1-14

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Sheet 2 of 2

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1Q	J. Mogual, B. Krishnamurthy, F. Douglas, A. Feldman, Y Goland, A. van Hoff & D. Hellerstein - "Delta Encoding in HTTP - January 2002 - pages 1-49"
1R	
1S	

EXAMINER

DATE CONSIDERED